

Verila BENT EP 2 VG460

High Temperature • Heavy Duty • Extreme Pressure (EP) • Inorganic Thickener Grease

Verila BENT EP 2 VG460 is a Heavy-Duty lubricating grease based on inorganic thickener and mineral oil of high viscosity ISO VG460. Recommended for wide range of heavy-duty applications, especially at extremely high temperatures. The product has very good oxidation stability and excellent adhesive properties. It contains special additives which ensure rust, corrosion and wear protection for the lubricated parts as well as resistance against heavy loads.

- Temperature Range: High. Up to 180 Celsius. At extreme temperatures will not drip out, will stay in place and provide efficient lubrication and protection to the equipment and parts.
- Recommended where usage of other greases is limited below their melting point.
- Load Carrying Capacity: High. Contain special extreme pressure [EP] additives which enable it to withstand heavy loads without failure of the lubricant film.
- Rust and Corrosion Protection: Very Good.
- Oxidation Stability: Excellent. Minimize grease degradation and formation of deposits

Heavy duty grease designed for high temperature industrial application such as conveyer bearings, heat treatment, metalworking autoclaves, kilns, tunnel ovens. Typical applications are: sliding surface, bushings, slow moving bearings that run at heavy loads and high temperatures.



Technical Data

Grease Classifications		
ISO 6743-9 L-XBFHB 2 · DIN 51502 KP2R-15		
Test Parameter	Test Method	Value
Appearance	Visual	Smooth and Buttery
Color	Visual	Yellow-to-Brown
Thickener		Inorganic
Base Oil Viscosity at 40°C, mm ² /s	ISO 3104	460
NLGI Grade	ASTM D217	2
Operating Temperature Range		-15 to 180 Celsius
Cone Penetration, Worked, 0.1 mm	ISO 2137	265 -295
Dropping Point	ISO 6299	> 305 Celsius
Corrosive Effects on Copper, 24h at 100°C	ASTM D4048	max 1
Water Resistance Test	DIN 51 807-1	max 1-90
Four-Ball EP Test, Weld Point, N	ASTM D2596	min 2500

While the information and figures given here are typical of current production and compliant with VERILA specification, minor variations may occur